

174

THE  
ANNALS & MAGAZINE  
OF  
NATURAL HISTORY  
(INCORPORATING 'THE JOURNAL OF BOTANY')  
ZOOLOGY, BOTANY, AND GEOLOGY

BEING A CONTINUATION OF THE 'ANNALS' COMBINED WITH MESSRS.  
LOUDON AND CHARLESWORTH'S 'MAGAZINE OF NATURAL HISTORY'

CONDUCTED BY  
HERBERT L. HAWKINS, D.Sc., F.R.S.  
SIR GEORGE TAYLOR, D.Sc.  
G. O. EVANS, D.Sc., PH.D.  
H. OLDROYD, M.A.  
G. B. CORBET, PH.D.  
AND  
W. G. INGLIS, D.Sc.

VOL. 8.—13TH SERIES

LONDON:

PRINTED IN ENGLAND AND PUBLISHED BY  
TAYLOR & FRANCIS, LTD., RED LION COURT, FLEET ST., E.C.4  
1965

“ Omnes res creatæ sunt divinæ sapientiæ et potentiaæ testes. divitiae felicitatis humanæ :—ex harum usu *bonitas* Creatoris : ex pulchritudine *sapientia* Domini : ex œconomiâ in conservatione, proportione, renovatione, *potentia* majestis eluet. Earum itaque indagatio ab hominibus sibi relictis semper aestimata ; à verè eruditis et sapientibus semper exulta ; malè doctis et barbaris semper inimica fuit.”—LINNAEUS.

“ Quel que soit le principe de la vie animale, il ne faut qu’ouvrir les yeux pour voir qu’elle est le chef-d’œuvre de la Toute-puissance, et le but auquel se rapportent toutes ses opérations.”—BRUCKNER, *Théorie du Système Animal*, Leyden, 1767.

..... The sylvan powers  
Obey our summons ; from their deepest dells  
The Dryads come, and throw their garlands  
And odorous branches at our feet ; the Nymphs  
That press with nimble step the mountain-thyme  
And purple heath-flower come not empty-handed,  
But scatter round ten thousand forms minute  
Of velvet moss or lichen, torn from rock  
Or rifted oak or cavern deep ; the Naiads too  
Quit their loved native stream, from whose smooth face  
They crop the lily, and each sedge and rush  
That drinks the rippling tide : the frozen poles,  
Where peril waits the old adventurer’s tread,  
The burning sands of Borneo and Cayenne,  
All, all to us unlock their secret stores  
And pay their cheerful tribute.

J. TAYLOR, *Norwich*, 1818.



## CONTENTS OF VOLUME 8

### THIRTEENTH SERIES

#### NUMBER 85

BENSON, R. B., British Museum (Natural History), London S.W.7. Some new pergid sawflies from New Guinea ( <i>Hymenoptera symphyta</i> ).....	45
BOLD, W. A. VAN DEN, Department of Geology, Louisiana State University. New species of the ostracod genus <i>Ambocythere</i> . Plates I-II.....	1
BRELIH, SAVO, (Prirodoslovni muzej Slovenije). Two new species of <i>Ardeicola</i> ( <i>Mallophaga</i> ) from <i>Threshiornis</i> .....	51
GIBBS, P. E., Queen Mary College (University of London). Recent additions to the marine fauna of Whitstable, with a description of <i>Aricidea minuta</i> Southward (Annelida : Polychaeta).....	33
JUBB, R. A., Freshwater Fish Section, Albany Museum, Grahamstown. <i>Barbus barnardi</i> , a new species of <i>Barbus</i> (Pisces, Cyprinidae) from the Kafue River, Zamberji River System.....	41
KABATA, Z., Marine Laboratory, Aberdeen. Copepoda Parasitic on Australian Fishes, III. Genera <i>Dentigryps</i> , <i>Heniochophilus</i> and <i>Pseudanuretes</i> (Caligidae).....	19
RAMAMURTHI, B. N., Department of Zoology, Loyola College, Madras 34, India. Dermaptera from South India.....	59
USHER, M. B., Department of Forestry and Natural Resources, University of Edinburgh. On the occurrence of <i>Silometopus incurvatus</i> (O. P.-Cambridge) [Araneae, Linyphiidae] in Scotland.....	37

#### NUMBER 86

COLES, JOHN W., Department of Zoology, British Museum (Natural History). Two new species of marine nematodes from the British Coast.....	65
EVANS, OWEN, British Museum (Natural History). The ontogenetic development of the chaetotaxy of the tarsi of legs II-IV in the Antennophorina (Acaria: Mesostigmata) .....	81
GATES, G. E., University of Maine, Orono. On Peregrine species of the moniligastrid earthworm genus <i>Drawida</i> Michaelsen, 1900.....	85
JAMIESON, B. G. M., Department of Zoology, University of Queensland. Two Ocerodrilinae (Megascolecididae: Oligochaeta) from East Africa: <i>Nematogenia lacuum</i> (Beddard 1893) and <i>Pygmaeodrilus montiskenya sp. n.</i> .....	95
KABATA, Z., Marine Laboratory, Aberdeen. Copepoda parasitic on Australian fishes, IV. Genus <i>Caligus</i> (Caligidae).....	109
MURRAY, J. W., Department of Geology, University of Bristol. The foraminiferida of the Persian Gulf. Part I. <i>Rosalina adhaerens</i> sp. nov. Plate III.....	77
TOTTEN, A. K., British Museum (Natural History). A new species of <i>Lensia</i> (Siphonophora: Diphyidae) from the coastal waters of Vancouver, B.C., and its comparison with <i>Lensia achilles</i> Totton and another new species <i>Lensia cordata</i> .....	71

## NUMBER 87

BENSON, ROBERT B., British Museum (Natural History), London, S.W.7. Some sawflies new to the Himalayan region (Hymenoptera, Symphyta).....	141
CROSSKEY, R. W., Commonwealth Institute of Entomology, London. The immature stages of <i>Simulium speculiventre</i> , type-species of <i>Stilboplax</i> Enderlein (Diptera: Simuliidae).....	129
CUTLER, EDWARD B., Zoology Department, University of Rhode Island, Kingston, Rhode Island. Notes on pogonophoran terminology and phylogeny.....	145
FOX, H. MUNRO, Queen Mary College, University of London. Confirmation of old observations on the behaviour of a hermit crab and its commensal sea anemone....	173
GREATHEAD, D. J., P.O. Box 265, Kampala, Uganda. Notes on, and further descriptions of some eastern African species of Bombyliidae (Diptera).....	135
GRUFFYDD, LL. D., Zoology Department, University College of North Wales, Bangor. Notes on a population of the leech, <i>Glossiphonia heteroclita</i> , infesting <i>Limnaea pereger</i> .....	151
HARTMAN, OLGA and BOSS, KENNETH J., <i>Antonbruunia viridis</i> , a new inquiline annelid with dwarf males, inhabiting a new species of pelecypod, <i>Lucina fosteri</i> , in the Mozambique channel.....	177
MILLER, P. J., Zoology Department, University of Glasgow. A new genus and species of gobiid fish from the eastern Mediterranean. Plates IV-V.....	161
RAHMAN, H., Marine Laboratory, Aberdeen. <i>Ascarophis crassicollis</i> Dollfus and Campana-Rouget in Scottish waters.....	187
WHEELER, ALWYNE, Department of Zoology, British Museum (Natural History). The occurrence of the Blue Whiting in the southern North Sea.....	155

## NUMBER 88

DATTAGUPTA, A. K., Department of Zoology, Birla Institute of Technology and Science, Pilani, and MENON, P. K. B., Department of Zoology, Panjab University, Chandigarh. Additions to Indian Echiurid fauna.....	193
HARDY, D. ELMO, Senior Professor and Chairman, Department of Entomology, University of Hawaii. Redescriptions of Brunetti's species of <i>Bibio</i> from India (Diptera-Bibionidae).....	201
KHATTAR, NARAIN, Department of Zoology, Government College, Ajmer, India. External genitalia, postgenital segments and their musculature of <i>Schizodactylus monstrosus</i> Don. (Orthoptera).....	229
MOUND, L. A., British Museum (Natural History). The genus <i>Hercinothrips</i> (Thysanoptera) with one new species.....	243
ROBERTS, HYWEL, Federal Department of Forest Research, Ibadan, Nigeria. Further new Platypodidae (Coleoptera) from Nigeria, West Africa .....	219
TREWAVAS, ETHELWYNNE, British Museum (Natural History) and YAZDANI, G. M., Zoological Survey of India. <i>Chrysochir</i> , a new genus for the sciaenid fish, <i>Otolithus aureus</i> Richardson, with consideration of its specific synonyms. Plate VI.	249

## CONTENTS

V

## NUMBER 89

BOWERS, E. A., Department of Zoology, University College of Swansea. A description of <i>Meiogymnophallus jamesoni</i> sp. nov. (Trematoda : Gymnophallidae) from the intestine of the Common Scoter <i>Melanitta nigra</i> L. ....	277
EASON, E. H., Bourton Far Hill Farm, Moreton-in-Marsh, Gloucestershire. On <i>Lithobius tricuspis</i> Meinert (Chilopoda, Lithobiidae) in Britain.....	285
GREENWOOD, P. H., British Museum (Natural History). Two new species of <i>Haplochromis</i> (Pisces, Cichlidae) from Lake Victoria. Plate XI.....	303
MORGANS, J. F. C., East African Marine Fisheries Research Organization, Zanzibar. East African fishes of the <i>Epinephelus tauvina</i> complex, with a description of a new species. Plates VII-IX.....	257
NARAYAN RAO, P., Lecturer in Zoology, University College of Science, Osmania University, Hyderabad and JAGANNATH RAO, V., Lecturer in Zoology, Nizam College, Osmania University, Hyderabad. A description of a new nematoda of the genus <i>Blatticola</i> Schwenk (1926) .....	273
SMITH, J. L. B., Research Professor and South African Council for Scientific and Industrial Research Fellow in Ichthyology, Rhodes University, Grahamstown, South Africa. An interesting new eel of the family Xenocongridae from Cook Island, Pacific. Plate X. ....	297

## Bibliographical Notice:

Budongo—a Forest and its Chimpanzees. By VERNON REYNOLDS.....	319
---	-----

## NUMBER 90

AGRAWAL, V. P., and SHARMA, R. S., D.A.V. College, Muzaffarnagar (U.P.), India Sound producing organs of an Indian catfish, <i>Heteropneustes fossilis</i> .....	339
CHAN, W. L., Fisheries Research Station, Hong Kong. Two new pomacanthinid angelfishes from the Macclesfield Bank, South China Sea.....	325
GENTRY, A. W., New evidence on the systematic position of <i>Hippotragus niro</i> Hopwood, 1936 (mammalia) .....	335
GHAURI, M. S. K., Commonwealth Institute of Entomology, London. New Tingidae from Oriental Region.....	357
KNIGHT, W. J. British Museum (Natural History), London. A re-description of <i>Dikranura micantula</i> (Zett.) (Homoptera: Cicadellidae) and a closely related new species from southern Finland.....	345
MERRITT, N. R. and THORP, C. H., East African Marine Research Organization, Zanzibar. A revised key to the Scombrid fishes of East Africa with new observations on their biology .....	367
OLDRYD, H., British Museum (Natural History). Rediscovery of <i>Dasypecus</i> Philippi (Diptera: Asilidae) .....	351
SMITH, J. L. B., Research Professor and South African Council for Scientific and Industrial Research Fellow in Ichthyology, Rhodes University, Grahamstown, South Africa. An interesting new Callionymid fish from Madagascar and the first record of a clingfish from there.....	321

## NUMBER 91

BRINDLE, A., Manchester Museum. A revision of the subfamily Apachyinae (Dermaptera, Labiduridae).....	435
BRUCE, A. J., Agriculture and Fisheries Department, Fisheries Research Station, Hong Kong. An interesting new Phrytid (Epicaridea) parasitic on a Pontoniinid shrimp.....	385
BRUCE, A. J., Fisheries Research Station, Hong Kong. The first occurrence of the <i>Brachycarpus biunguiculatus</i> (Lucas) (Crustacea, Decapoda, Palaemonidae) in the Western Indian Ocean.....	399
COWAN, Lt.-Col. C. F. The nomenclature of <i>Pithecopus corvus</i> and allied species (Lepidoptera, Lycaenidae).....	421
KUMAR, P., Department of Zoology, University of Lucknow, India. A new species of <i>Ibidoecus</i> Cummings, 1916 (Mallophaga: Ischnocera).....	391
PONT, ADRIAN C., Department of Entomology, British Museum (Natural History), London. The identity of two neotropical species of <i>Fannia</i> Desvoidy, <i>Anthracina</i> Walker and <i>Albibasis</i> Malloch (Diptera: Muscidae).....	427
SCHUTTE, C. H. J., Bilharzia Research Unit, South African Council for Scientific and Industrial Research, Nelspruit, Eastern Transvaal, Republic of South Africa. Notes on the radular mesocone as a criterion for distinguishing between the <i>Tropicus</i> and <i>Truncatus</i> groups of the genus <i>Bulinus</i> (Mollusca: Basommatophora).....	409
VAN EEDEN, J. A. and OBERHOLZER, G., Potchefstroom Division of Bilharzia Research Group of the C.S.I.R., Zoology Department, Potchefstroom University, Potchefstroom, Republic of South Africa. On the occurrence of <i>Bulinus</i> ( <i>Bulinus</i> <i>reticulatus</i> Mandahl-Barth (Mollusca) in South Africa.....	403
Book Reviews:	
The Morphology of Gymnosperms. By K. R. SPORNE.....	447
Enjoying Ornithology. By DAVID LACK.....	448

## NUMBER 92

BRANIGAN, KEITH, University of Birmingham (Department of Archaeology) and KING, JUDITH E., British Museum (Natural History). A roman cat from Latimer Villa, Chesham. Plate XII.....	461
BRUCE, A. J. Notes on Indo-Pacific Pontoniinae, X. <i>Periclimenes cristimanus</i> sp. nov. A new Pontoniinid shrimp from Singapore.....	487
LOOTS, G. C. and RYKE, P. A. J., Institute for Zoological Research, Potchefstroom University, South Africa. A new genus and two new subgenera of Rhodacaridae (Acaria) from South African forest soils.....	465
MUDDATHIR, KHALID, Agricultural Research Division, Sudan. A new species of <i>Holcaphis</i> (Homoptera: Aphidoidea) together with a key to the British species. Plate XIII.....	477
OGDEN, COLIN G., Department of Zoology, British Museum (Natural History). A new species of <i>Capillaria</i> (Nematoda), <i>C. wickinsi</i> sp. nov., from the marine fish, <i>Pleuronectes platessa</i> .....	451
RAO, V. VISWESWARA and DUTT, S., Department of Zoology, Andhra University, Waltair, India. A new fish <i>Tentaculus waltairiensis</i> gen. et sp. nov. (family: Haliophidae) from Indian waters.....	455
RICHARDS, O. W. The identity of <i>Anomiopelta picta</i> Schiner, 1868 (Diptera, Sphaeroceridae).....	449
SMITH, J. L. B., Research Professor and South African Council for Scientific and Industrial Research Fellow in Ichthyology, Rhodes University, Grahamstown, South Africa. The rare northeastern Atlantic fish, <i>Centrolophus britannicus</i> , in South Africa. Plate XIV.....	505
STUCKENBERG, B. R., Natal Museum, Pietermaritzburg, South Africa. Notes on the Palaearctic species of <i>Vermileo</i> , with the description of a new species from Crete (Diptera: Rhagionidae).....	495
VENN, J. A. J., Veterinary Investigation Centre, M.A.F.F., Langford, Bristol. Examination of blood films from Atlantic grey seal ( <i>Halichoerus grypus</i> ) calves.....	501
Book Review:	
The Bats of West Africa. By D. R. ROSEVEAR.....	510

## CONTENTS

VII

## NUMBER 93

ABBASSIAN-LINTZEN, ROSEMARIE, Institute of Public Health Research, P.O. Box 1310, Tehran, Iran. Bombyliidae (Diptera) of Iran. 1. Species of the genus *Bombylius* Loew..... 533

BUCHANAN, O. MARCUS and HOWELL, THOMAS R., Department of Zoology, University of California, Los Angeles. Observations on the natural history of the Thick-spined rat, *Hoplomys gymnurus*, in Nicaragua. Plate XVII..... 549

JACKSON, T. H. E., Kitale, Kenya. A revision of the genus *Chloroselas* Butler, with a note on *Alaena* Boisduval and descriptions of a few new African Lycaenidae (Lepidoptera, Lycaenidae). Plates XV-XVI ..... 523

SERBAN, E., Institutul de Speologie al Academiei R.S.R. Bucarest, Rumania, and GLEDHILL, T., Freshwater Biological Association, River Laboratory, Wareham, Dorset, England. Concerning the presence of *Bathynella natans stammeri* Jakobi (Crustacea: Syncarida) in England and Rumania..... 513

## NUMBER 94

BRINDLE, A., Manchester Museum. A revision of the subfamily Allostethinae (Dermaptera, Labiduridae)..... 575

CLARK, AILSA M., British Museum (Natural History), and DAVIES, P. SPENCER, Department of Zoology, Glasgow University. Echinoderms of the Maldivian Islands. Plate XVIII..... 597

HARMAN, WALTER J., Department of Zoology, Louisiana State University, Baton Rouge, Louisiana, U.S.A. A key to the genus *Slavina* (Oligochaeta: Naididae) with description of a new species from Costa Rica..... 565

LAMBERS, D. HILLE RIS, Bladluisonderzoek T.N.O., Bennekom, Netherlands, and VAN DEN BOSCH, R., Div. of Biol. Control, Univ. of Calif., Berkeley, Calif., U.S.A. On the genus *Hoplochaetaphis* Aizenberg, 1959 (Homoptera, Aphididae)..... 561

OGDEN, COLIN G., Department of Zoology, British Museum (Natural History). A new species of hookworm, *Agriostomum monnigi* (Nematoda) from the Gemsbok, *Oryx gazella* ..... 569

## NUMBER 95

CHAN, W. L., Fisheries Research Station, Hong Kong. *Neocentropogon trimaculatus*, a new Scorpaenid fish from the South China Sea..... 635

CLARK, J. A. J., Mrs., British Museum (Natural History), London. Six new species of the S. American genus *Leurinion* Muesebeck (Hym., Braconidae, Hormiini) 645

EVANS, G. OWEN and TILL, W. M., British Museum (Natural History), London. A New Laelapine Mite from the Golden Mole, *Chrysocloris stuhlmanni* Matschie.... 629

FRANZ, VON H., Wien. Scydmaeniden aus Nigeria, Senegal, der Tschadrepublik und Ostafrika (Coleoptera, Scydmaenidae) ..... 613

SMITH, J. L. B., Research Professor and South African Council for Scientific and Industrial Research Fellow in Ichthyology, Rhodes University, Grahamstown, South Africa. A new clingfish from southern Mozambique, Plate XVIIV..... 641

## NUMBER 96

ASLAM, N A., Commonwealth Institute of Entomology, London. On *Hispoleptis* Baly (Coleoptera, Hispidae) and *Imatidium* F. (Coleoptera, Cassididae)..... 687

CROSSKEY, R. W., Commonwealth Institute of Entomology, London. Generic assignment and synonymy of Wiedemann's types of oriental Tachinidae (Diptera)..... 661

MEAD-BRIGGS, A. R. and HUGHES, A. M. Records of mites and Lice from Wild rabbits collected throughout Great Britain..... 695

